

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/072,900A
Source: FW/16
Date Processed by STIC: 8/19/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

~~TO REDUCE ERRORED SEQUENCE LISTINGS; PLEASE USE THE~~ CHECKER
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box-1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby,
Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/072,900A

DATE: 08/19/2004

TIME: 10:06:51

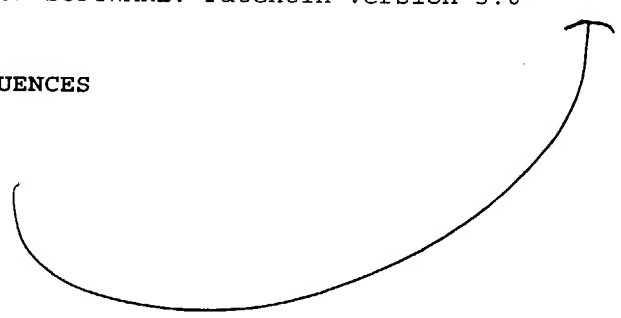
Input Set : A:\PTO.LM.txt

Output Set: N:\CRF4\08192004\J072900A.raw

3 <110> APPLICANT: Aventis Pharma SA
4 ARNOULD-REGUIGNE, Isabelle
5 PRADES, Catherine
6 ROSIER-MONTUS, Marie-Francoise
7 NAUDIN, Laurent
8 LEMOINE, Cendrine
9 DEAN, Michael
10 DENEFFLE, Patrice
12 <120> TITLE OF INVENTION: NUCLEIC ACIDS OF THE HUMAN ABCA12 GENE, VECTORS CONTAINING
SUCH NUCLEIC
13 ACIDS, AND USES THEREOF
15 <130> FILE REFERENCE: 03806.0537
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/072,900A
C--> 17 <141> CURRENT FILING DATE: 2002-02-12
17 <150> PRIOR APPLICATION NUMBER: US 60/267,715
18 <151> PRIOR FILING DATE: 2001-02-12
E--> 20 <160> NUMBER OF SEQ ID NOS: 38 40 (p.2)
22 <170> SOFTWARE: PatentIn version 3.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES



10/072, 900A 2

<210> 40 last sequence is submitted file
<211> 68
<212> DNA
<213> Artificial

<220>
<223> primer

<400> 40
ctctagaatt cgccctccgt ggccgtttta acgctagcgc ccgggcttaa ttaagtcgac 60
tctagagc 68

FI

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/072,900A

DATE: 08/19/2004
TIME: 10:06:52

Input Set : A:\PTO.LM.txt
Output Set: N:\CRF4\08192004\J072900A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31
Seq#:32,33,34,35,36,37,38,39,40

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/072,900A

DATE: 08/19/2004

TIME: 10:06:52

Input Set : A:\PTO.LM.txt

Output Set: N:\CRF4\08192004\J072900A.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:30 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:318 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:8460
L:320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:8520
L:324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:8640
L:328 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:8760
L:347 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:5340
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:8220
L:629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:8280
L:633 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:8400
L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:8520
L:1222 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:1562 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:1728
L:1742 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:2076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:1698
L:20 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (38) Counted (40)